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MISSION 1037-1 8 TO 12 NOV 66. OAK

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PT 01

PREFACE

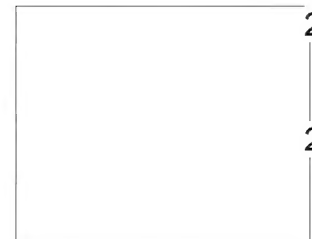
THIS IS THE FIRST AND ONLY OAK REPORT ON MISSION 1037-1
AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVER-
HEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

((TEXT WHICH FOLLOWED WAS IDENTICAL TO THAT OF THE ABOVE REF'D REPT))

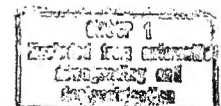
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ORIG [REDACTED]
UNIT : NPIC
EXT : [REDACTED]
DATE : 17 NOV 1966

ROUTING				
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TO : SAC, FTD, ALCOM/AAC, CONAD, USAFE, ACIC, PACAF,
DIA, DIRNSA, , OPCEN, AFSC, [REDACTED]
FROM : AFSCC, , AFSSO BSD NORTON AFB CALF, AFSSO SSD
INGLEWOOD CALF, CINCPACFLT, FICPAC, COMNAV FOR
CONF : JAPAN, AFSSO ESD HANSCOM AFB MASS, CINCEUR, 8TH AF
(ALSO FOR CIA AND [REDACTED])
INFO : FICEUR (INFO ONLY) [REDACTED] PROD CTR, 2nd AF, 15thAF

1966 NOV 18 04 28Z

PRIORITY	DEFERRED	XX	PRIORITY	INITIALS	
	ROUTINE		OPERATIONAL IMMEDIATE	INITIALS	25X1
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END OF MESSAGE

MEMO FOR THE RECORD: 1ST + ONLY EDITION OAK REPORT ON MISSION 1037-1.

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MISSION 1037-1 8 TO 12 NOV 66 OAK

17 NOV 66

PT 01

PREFACE

THIS IS THE FIRST AND ONLY OAK REPORT ON MISSION 1037-1 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVER-HEAD RECONNAISSANCE @COMOR@ TARGETS OBSERVED ON THE PHOTOGRAPHY. TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. AN ALPHABETIC LISTING OF COUNTRY CODES APPEARS ON THE INSIDE OF THE BACK COVER. SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING @SOUTH-TO-NORTH@, D FOR DESCENDING @NORTH-TO-SOUTH@ OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, S @SNOW@, O @OBLIQUITY@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGE@, AND GR @GROUND RESOLUTION@. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS INDICATED BY ST @STEREO@, NS @NON-STEREO@, OR PS @PARTIAL STEREO@.

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

HIGHLIGHTS

1. MISSILE ACTIVITY

FIVE OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE COVERED BY PHOTOGRAPHY. MAJOR PORTIONS OF PERM AND TATISHCHEVO ARE CLEAR. DROVYANAYA, OLOVYANNAYA, AND YOSHKAR-OLA ARE IDENTIFIED ONLY.

THE TYURATAM MISSILE TEST CENTER, USSR, IS PARTIALLY COVERED BY ONE PASS OF PHOTOGRAPHY OF POOR-TO-GOOD INTERPRETABILITY. ALL LAUNCH AREAS ARE COVERED, HOWEVER, SEVERAL ARE IDENTIFIED ONLY. AT LAUNCH GROUP I, OF PARTICULAR INTEREST IS THE MOST RECENTLY IDENTIFIED LAUNCH SITE I7 WHICH CONSISTS OF 3 LAUNCH SILOS UNDER CONSTRUCTION, EACH IN A U-SHAPED EXCAVATION SIMILAR TO EXCAVATIONS AT TYPE IIIC SINGLE SILOS. SILO CORINGS, 42 FEET IN DIAMETER, ARE PRESENT IN 2 OF THE 3 EXCAVATIONS. WITH THESE ADDITIONS, THE CURRENT TOTAL OF LAUNCHERS AT THE TYURATAM MISSILE TEST CENTER IS 58.

THE EXISTENCE OF AN 11TH LAUNCH GROUP AT TATISHCHEVO IS CONFIRMED BY THE IDENTIFICATION OF A TYPE IIID SINGLE SILO CONTROL SITE. DECEPTIVE MEASURES ARE EVIDENT AT ALL THE COMPLETED SITES. THE CURRENT COUNT OF ICBM LAUNCHERS AT DEPLOYED COMPLEXES @THE FIGURE IN PARENTHESIS INDICATES THE NUMBER OF POSSIBLE LAUNCHERS AND IS NOT INCLUDED IN TOTALS@ IS AS FOLLOWS --

OTHER LAUNCHERS 228
TOTAL 717 @25#

AT THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR, ONLY THE SAM LAUNCH COMPLEX IS COVERED BY CLEAR, STEREO PHOTOGRAPHY. SHUANG-CHENG-TZU, CHINA AND SARY-SHAGAN AND EMBA, USSR ARE NOT COVERED. AT THE VOLGOGRAD PROBABLE LONG RANGE SAM LAUNCH COMPLEX, USSR, BETWEEN PHOTOGRAPHIC COVERAGE OF AUGUST 1966 AND THE PRESENT MISSION, THE LAUNCH POSITIONS, INCLUDING THE REVETMENT WALLS, OF LAUNCH SITE B HAVE BEEN REORIENTED. THIS CHANGE GIVES THE COMPLEX AN APPEARANCE SIMILAR TO THE COMPLEXES AT KIMRY AND PERESLAVL-ZALESSKY. THE DISTANCE FROM THE LAUNCH AREA TO THE TRACKING/GUIDANCE FACILITY IS SLIGHTLY MORE THAN HALF THE DISTANCES DETERMINED AT OTHER COMPLEXES. NORTH VIETNAM IS COVERED BY 2 PASSES OF PHOTOGRAPHY. ONE

SECTION # 02

PASS IS ESTIMATED TO BE 40 PERCENT CLOUD COVERED AND THE OTHER IS ESTIMATED TO BE 80 PERCENT CLOUD COVERED. SEVENTY-FOUR OF THE 137 KNOWN SA-2 SITES ARE OBSERVED. NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

2. AIRFIELD ACTIVITY

ENGELS AIRFIELD IS THE ONLY LONG RANGE BOMBER BASE COVERED IN THE USSR. AIRCRAFT OBSERVED INCLUDE ONE PROBABLE BLINDER AND 34 BISON. THIS IS THE FIRST IDENTIFICATION OF A BLINDER AIRCRAFT AT THIS FIELD.

STATUS OF TARGET READOUT

THIS OAK REPORTS ON 70 COMOR TARGETS.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS MISSION AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT

TABLE 2 -- TYURATAM MISSILE TEST CENTER

TABLE 3 -- SOVIET MRBM AND IRBM DEPLOYMENT

TABLE 4 -- SAM AND ABM DEPLOYMENT

TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES
MISSILES

VERKHNYAYA SALDA ICBM COMPLEX UR 5802N 06024E [REDACTED] 25X1
THE COMPLEX IS NOT COVERED BY PHOTOGRAPHY. PHOTOGRAPHY OF FAIR INTERPRETABILITY REVEALS NO NEW MISSILE FACILITIES IN THE CLOUD-FREE PORTIONS OF THE SW HALF OF THE SEARCH AREA COVERED.

[REDACTED] 25X1
TYURATAM MISSILE TEST CENTER UR 4538N 06317E [REDACTED] 25X1
THE CENTER IS COVERED ON ONE PASS OF PHOTOGRAPHY OF POOR-TO-GOOD INTERPRETABILITY. ALL LAUNCH AREAS ARE COVERED, BUT SEVERAL CAN BE IDENTIFIED ONLY. THE

[REDACTED] 25X1
AT LAUNCH GROUP I, THE NEW LAUNCH SITE, I7, REPORTED ON [REDACTED] IS NOW PARTIALLY SECURED BY DOUBLE FENCING AND APPEARS TO CONSIST OF 3 TYPE IIIC U-SHAPED EXCAVATIONS LINED UP ON AN AXIS OF

[REDACTED] THE 2 SOUTHERNMOST 25X1
EXCAVATIONS CONTAIN CORINGS, AND THE NORTHERNMOST CONTAINS AN UNIDENTIFIED CIRCULAR OBJECT. THE DIAMETER OF THE CORING IN THE CENTER EXCAVATION, WHICH IS THE MOST SHARPLY DEFINED, IS [REDACTED] SPACING BETWEEN THE 2 CORINGS AND BETWEEN THE CENTER CORING AND THE UNIDENTIFIED OBJECT IN THE NORTHERN EXCAVATION IS [REDACTED] 25X1

120 Approved For Release 2008/03/12 : CIA-RDP78B04558A001500010051-9
NO NEW MISSILE FACILITIES OBSERVED IN THE CLOUD-FREE
PORTIONS OF THE EASTERN 70 PERCENT OF THE 52-NM RADIUS
SEARCH AREA. THE WESTERN 30 PERCENT IS NOT COVERED.

[REDACTED] YOSHKAR-OLA ICBM COMPLEX UR 5633N 04001E [REDACTED]
THE COMPLEX IS COVERED BY ONE PASS OF PHOTOGRAPHY WITH
HEAVY CLOUD COVER. THE COMPLEX SUPPORT FACILITY CAN BE
IDENTIFIED ONLY AND ALL OF THE MISSILE SITES ARE CLOUD
COVERED.

25X1
25X1

NO NEW MISSILE ACTIVITY OBSERVED IN THE CLOUD-FREE
PORTIONS OF THE SEARCH AREA COVERED BY PHOTOGRAPHY.

[REDACTED] DROVYANAYA ICBM COMPLEX UR 5131N 11300E [REDACTED]
THE COMPLEX IS COVERED BY 2 PASSES OF PHOTOGRAPHY OF
POOR INTERPRETABILITY. ALL COMPONENTS OF THE COMPLEX
CAN BE IDENTIFIED ONLY.
THE ENTIRE SEARCH AREA IS COVERED. NO NEW MISSILE
FACILITIES ARE OBSERVED.

25X1
25X1

[REDACTED] PERM ICBM COMPLEX UR 5742N 05619E [REDACTED]
THE ENTIRE SEARCH AREA IS COVERED BY 2 PASSES OF
PHOTOGRAPHY OF POOR INTERPRETABILITY. ALL 51 LAUNCH
SITES ARE OBSERVED, OF WHICH 45 ARE SINGLE SILO TYPE
IIID SITES. FORTY OF THE 45 SINGLE SILO SITES CAN BE
IDENTIFIED ONLY. NO SIGNIFICANT ACTIVITY IS OBSERVED.
POSSIBLE LAUNCH SITE 53 IS NO LONGER CONSIDERED TO BE A
VALID SITE AND IS DROPPED FROM NPIC LISTINGS.
NO NEW MISSILE FACILITIES ARE OBSERVED.

25X1

25X1

[REDACTED] OLOVYANNAYA ICBM COMPLEX UR 5040N 11550E [REDACTED]
THE ENTIRE SEARCH AREA IS COVERED BY ONE PASS OF
PHOTOGRAPHY WITH HEAVY CLOUD COVER. ALL OF THE LAUNCH

25X1

25X1

SECTION # 03

SITES, THE COMPLEX SUPPORT FACILITY, AND THE
RAIL-TO-ROAD TRANSFER POINT CAN BE IDENTIFIED ONLY.
CLOUDS PRECLUDE A SEARCH FOR ANY ADDITIONAL MISSILE
ACTIVITY.

[REDACTED] TATISHCHEVO ICBM COMPLEX UR 5140N 04534E [REDACTED]
THE SEARCH AREA IS COVERED ON ONE PASS OF PHOTOGRAPHY.
FIVE PERCENT OF THE NORTH EDGE AND 5 PERCENT OF THE
EAST EDGE OF THE SEARCH AREA ARE CLOUD COVERED.
ONE NEW CONTROL SITE, SITE 124, IS IDENTIFIED IN LAUNCH
GROUP K, APPROXIMATELY 25 NM ENE OF THE COMPLEX SUPPORT
FACILITY AT 51-51N 046-08E. THE SITE IS IN AN EARLY
STAGE OF CONSTRUCTION. THE LAUNCH SITE SUPPORT AREA
CONTAINS 5 BUILDINGS AND 3 MORE BUILDINGS UNDER
CONSTRUCTION. EXCAVATIONS ARE IN PROGRESS IN THE SITE
AREA.

25X1
25X1

POSSIBLE LAUNCH SITE 79 CAN NO LONGER BE ASSOCIATED
WITH MISSILE ACTIVITY AND IS BEING DROPPED FROM NPIC
LISTINGS.
NO OTHER MISSILE ACTIVITY OBSERVED. SITE DECEPTION IS
BEING EMPLOYED AT ALL COMPLETED LAUNCH SITES.

[REDACTED] KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR UR 4835N 04545E [REDACTED]
THE CENTER IS COVERED BY 2 PASSES OF PHOTOGRAPHY. PASS
9D COVERS THE ENTIRE SAM LAUNCH COMPLEX WITH CLEAR,
STERE Approved For Release 2008/03/12 : CIA-RDP78B04558A001500010051-9

25X1

25X1

LAUNCH FACILITIES, A PORTION OF THE TEST AND SUPPORT
COMPLEX, OR THE NEW, HIGH RESOLUTION INTERFEROMETER.
APPROXIMATELY 60 PERCENT OF THE WESTERN PORTION OF THE
50-NM SEARCH AREA IS COVERED ON [REDACTED]
THE SOUTHWESTERN 50 PERCENT OF THE 50-NM SEARCH AREA IS
COVERED BY CLEAR, STEREO PHOTOGRAPHY ON [REDACTED] NO
NEW MISSILE FACILITIES ARE OBSERVED.

[REDACTED]
HA NOI SAM SEARCH VN 2122N 10551E [REDACTED]
THE WESTERN 40 PERCENT OF THE 60-NM SEARCH AREA IS
COVERED BY 80 PERCENT CLOUD-COVERED PHOTOGRAPHY ON PASS

[REDACTED]
THE EASTERN 50 PERCENT OF THE AREA IS COVERED BY 30
PERCENT CLOUD-COVERED PHOTOGRAPHY ON [REDACTED] NO NEW
SAM INSTALLATIONS ARE OBSERVED.

[REDACTED]
LAO CAI SAM SEARCH VN 2229N 10359E [REDACTED]
APPROXIMATELY 80 PERCENT OF THE 60-NM SEARCH AREA IS
COVERED BY 70 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO
NEW SAM INSTALLATIONS CAN BE IDENTIFIED.

[REDACTED]
DIEN BIEN PHU SAM SEARCH VN 2123N 10301E [REDACTED]
THE EASTERN HALF OF THE 60-NM SEARCH AREA IS COVERED BY
70 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM
INSTALLATIONS CAN BE IDENTIFIED.

[REDACTED]
APPROXIMATELY 5 PERCENT OF THE NORTHWESTERN PORTION OF
THE 60-NM SEARCH AREA IS COVERED BY 75 PERCENT
CLOUD-COVERED PHOTOGRAPHY ON [REDACTED]
THE EASTERN 70 PERCENT OF THE AREA IS COVERED BY 40
PERCENT CLOUD-COVERED PHOTOGRAPHY ON [REDACTED] NO NEW
SAM INSTALLATIONS CAN BE IDENTIFIED.

[REDACTED]
CAO BANG SAM SEARCH AREA VN 2242N 10615E [REDACTED]
THE WESTERN 50 PERCENT OF THE 50-NM SEARCH AREA IS
COVERED BY 80 PERCENT CLOUD-COVERED PHOTOGRAPHY ON PASS

[REDACTED]
THE EASTERN 50 PERCENT OF THE AREA IS COVERED BY 40
PERCENT CLOUD-COVERED PHOTOGRAPHY ON [REDACTED] NO NEW
SAM INSTALLATIONS ARE OBSERVED.

[REDACTED]
DONG HOI SAM SEARCH AREA VN 1728N 10637E [REDACTED]
THE 60-NM SEARCH AREA IS COMPLETELY COVERED BY 70

SECTION # 04

PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM
INSTALLATIONS CAN BE IDENTIFIED.

[REDACTED]
NAN-YANG SUSPECT MISSILE ACTIVITY CH 3248N 11214E [REDACTED]
APPROXIMATELY 30 PERCENT OF THE 25-NM SEARCH AREA IS
COVERED BY PHOTOGRAPHY WHICH IS 60 PERCENT CLOUD
COVERED. NO EVIDENCE OF SSM ACTIVITY OBSERVED.

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ONLY 2 PERCENT OF THE WESTERN PORTION OF THE 50-NM
SEARCH AREA IS COVERED ON [REDACTED]

25X1

THE ENTIRE 50-NM SEARCH AREA IS COVERED ON CLEAR
PHOTOGRAPHY OF GOOD INTERPRETABILITY ON [REDACTED] NO
NEW SAM ACTIVITY IS OBSERVED. THE KNOWN SAM SITE A02-2
IS COVERED AND IS OCCUPIED.

25X1

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[REDACTED]
TAI-YUAN SAM SEARCH AREA CH 3759N 11232E [REDACTED]
THE ENTIRE 50-NM SEARCH AREA IS COVERED ON 98 PERCENT
CLEAR PHOTOGRAPHY OF FAIR INTERPRETABILITY. NO SAM
ACTIVITY OBSERVED.

25X1

[REDACTED]
VOLGOGRAD PROB LONG RANGE SAM LNCH CPLX UR 4822N 04419E [REDACTED]
THE COMPLEX REMAINS IN AN EARLY-TO MID-STAGE OF
CONSTRUCTION, WITH LITTLE OR NO PROGRESS SINCE MISSION

25X1

25X1

25X1

[REDACTED] THE LAUNCH REVETMENT WALLS AT
LAUNCH SITE B HAVE BEEN REALIGNED. PREVIOUSLY, ALL
LAUNCH REVETMENTS WERE NEARLY PARALLEL AND ORIENTED
SIMILARLY TO THOSE AT FEODOSIYA AND MURASHI PROBABLE
LONG RANGE SAM LAUNCH COMPLEXES. AFTER REALIGNMENT,
THE REVETMENTS APPEAR ORIENTED SIMILARLY TO THOSE AT
KALININ AND PERESLAVL-ZALESSKIY. REVETMENT OUTLINES OF
THE PREVIOUS ALIGNMENT ARE VISIBLE AT EACH OF THE
VOLGOGRAD POSITIONS. THE SEQUENCE OF CONSTRUCTION IS
SOMEWHAT DIFFERENT FROM THAT OBSERVED AT OTHER PROBABLE
LONG RANGE SAM LAUNCH COMPLEXES IN THAT NO DISTINCT
SITE SERVICE ROADS ARE NOR EVER HAVE BEEN DISCERNIBLE
AT ANY OF THE VOLGOGRAD SITES, ALTHOUGH LAUNCH POSITION
REVETMENTS APPEAR COMPLETE OR NEARLY COMPLETE.
COMPLEX COMPONENTS @LAUNCH SITE CONTROL CENTER,
TRACKING/GUIDANCE CENTRAL CONTROL, AIR WARNING CONTROL
CENTER, AND ASSOCIATED ELECTRONIC AREAS WHICH ARE
USUALLY CONSTRUCTED IN A STANDARD ABOVE GROUND
REVETMENT, ARE CONSTRUCTED AS OPEN-END SUBSURFACE
VEHICLE/EQUIPMENT REVETMENTS. THIS IS THE FIRST
COMPLEX TO UTILIZE THIS TYPE OF REVETMENT.

THE TRACKING/GUIDANCE FACILITY CONSISTS OF 3 MOUNDED
RADAR POSITIONS AND A CENTRAL CONTROL. INITIAL
MENSURAL DATA INDICATES DISTANCE FROM TRACKING/GUIDANCE
FACILITY CENTRAL CONTROL TO LAUNCH SITE B CONTROL
CENTER TO BE 1,755 FT OR ABOUT ONE-HALF THE DISTANCE AT
OTHER PROBABLE LONG RANGE SAM LAUNCH COMPLEXES.

CONSTRUCTION AT THE MISSILE HANDLING AND SUPPORT AREAS
HAS NOT PROGRESSED. THE SUPPORT AREA APPEARS TO BE
COMPOSED OF TEMPORARY STRUCTURES AND NUMEROUS PROBABLE
TENTS. THE COMPLEX APPEARS SECURED.

THE AIR WARNING RADAR FACILITY LOCATED 2.5 NM NW OF THE
COMPLEX CONSISTS OF 3 MOUNDED RADAR POSITIONS UNDER
CONSTRUCTION AND A CENTRAL CONTROL POSITION. TWO
PROBABLE ELECTRONIC ASSOCIATED AREAS ARE NEWLY
IDENTIFIED NORTH OF THE FACILITY. ONE AREA CONTAINS 2
OPEN-END SUBSURFACE VEHICLE/EQUIPMENT REVETMENTS AND
THE OTHER AREA CONTAINS 3 SIMILAR REVETMENTS.
NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED AT
THE COMPLEX.

25X1

AIR FACILITIES

ENGELS AIRFIELD UR 5129N 04611E [REDACTED]
OB -- 34 BISON, 1 PROBABLE BLINDER, 1 PROBABLE CAT/CUB,
2 PROBABLE CAB, AND 1 PROBABLE COLT.

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NO ASM STORAGE AREA OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES,

PREVIOUS
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ALEKSEYEVNA AIRFIELD UK 42140 14011E

OB -- 57 BADGER, 1 CAT/CUB, AND 1 SMALL STRAIGHT-WING.
NO CHANGE IN NUCLEAR OR ASM STORAGE AREAS OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

25X1

25X1

SECTION # 05

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

CHENG-TU/WEN-CHIANG AIRFIELD CH 3042N 10357E

OB -- 43 SMALL PROBABLE SWEEP-WING.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

NAN-NING AIRFIELD CH 2249N 10820E

OB -- NONE OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

WU-KUNG AIRFIELD CH 3417N 10815E

OB -- 2 BADGER, 12 BULL, 1 BEAGLE, 4 PROBABLE FISHBED,
2 SMALL STRAIGHT-WING, AND AT LEAST 21 SMALL POSSIBLE
AIRCRAFT.

NO RADAR OBSERVED.
SEE HSI-AN AIRCRAFT ASSEMBLY AND REPAIR PLANT, COMOR NO
FOR INDUSTRIAL REQUIREMENTS.

25X1

25X1

HSI-AN AIRCRAFT ASSEMBLY - REPAIR PLANT CH 3417N 10815E

SEE WU-KUNG AIRFIELD, FOR OB.
NO NEW CONSTRUCTION OR EVIDENCE OF TYPE OF PRODUCTION
OBSERVED.

25X1

25X1

25X1

25X1

HAIPHONG/CAT BI AIRFIELD VN 2049N 10643E

OB -- NONE OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

HAIPHONG/KIEN AN AIRFIELD VN 2048N 10636E

OB -- 7 SMALL STRAIGHT-WING AND 4 HOOK.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

HANGI/BAC MAI AIRFIELD VN 2059N 10550E

IDENTIFICATION ONLY.

25X1

25X1

HANGI/GIA LAM AIRFIELD VN 2102N 10553E

IDENTIFICATION ONLY.

25X1

25X1

LA-SA AIRFIELD TI 3030N 09107E

OB -- NONE OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

LANG SON AIRFIELD VN 2150N 10646E

OB -- 5 SMALL STRAIGHT-WING.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

NAN-NING/WU-YU AIRFIELD CH 2236N 10810E

OB -- 1 PROBABLE CAB AND 27 PROBABLE SMALL AIRCRAFT.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

25X1

NING-MING AIRFIELD CH 2207N 10707E [REDACTED]
OR -- 20 SWEEP-WING FIGHTERS AND 8 PROBABLE SWEEP-WING
FIGHTERS.
CONSTRUCTION STATUS OF SUPPORT FACILITIES IS
UNDETERMINED.
NO RADAR OR RADIO FACILITIES ARE DISCERNIBLE. AT LEAST
8 AAA SITES SURROUND THE FIELD.

PING-YUAN-CHIEH AIRFIELD CH 2342N 10350E
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.
STATUS OF CONSTRUCTION AND DETAILS OF SUPPORT
FACILITIES CANNOT BE DETERMINED.

TIEN-YANG AIRFIELD CH 2344N 10658E
OB -- NONE OBSERVED.
STATUS OF CONSTRUCTION IN THE SUPPORT AREA IS
UNDETERMINED.

KUNG-KA AIRFIELD TI 2917N 29055E
OB -- NONE OBSERVED.

SECTION # 06

THE END-CONNECTING LINK AND CROSSOVER LINK ON THE EAST
END OF THE AIRFIELD ARE BEING SURFACED. CONSTRUCTION
CONTINUES ON THE PARALLEL TAXIWAY. NUMEROUS
CONSTRUCTION VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED
ON AND ADJACENT TO THE AIRFIELD.

NAVAL ACTIVITY/PORTS

HAI PHONG PORT FACILITIES VN 2052N 10642E [REDACTED]
VESSELS -- 6 DRY CARGO VESSELS DONE A LARGE HATCH
POLTAVA/PEREKOP-CLASS# AT 20-52N 106-41E, 1 TANKER WITH
A PROBABLE BARGE ALONGSIDE IN THE SONG DA BACH 4.1 NM
EAST OF HAI PHONG AT 20-53N 106-45E, 1 DRY CARGO VESSEL
IN THE CUA NAM TRIEU 5.7 NM ESE OF HAI PHONG AT 20-50N
106-47E, AND NUMEROUS SMALLER VESSELS THROUGHOUT THE
HAI PHONG PORT AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

PAI-LUNG PORT FACILITIES CH 2131N 10813E
VESSELS -- NONE OBSERVED.

CAM PHA PORT FACILITIES VN 2102N 10722E [REDACTED]
VESSELS -- 2 LARGE DRY CARGO SHIPS AND 10 SMALL CRAFT
AT 21-01N 107-22E.

25X1
25X1

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

HON GAI PORT FACILITIES VN 2057N 10705E [REDACTED]
VESSELS -- 1 LARGE DRY CARGO VESSEL AT WHARF AT 20-57N
107-04E, 1 LARGE DRY CARGO VESSEL IN ROADSTEAD AT
20-56N 107-04E, AT LEAST 14 BARGES, 1 FERRY, 1 FLOATING
DOCK AT 20-56N 207-05E, AND NUMEROUS SMALL CRAFT. ONE
S.O.-1-CLASS SC IS AT ILE DU BRANDON 020-53N 107-06E.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

BEN THUY PORT FACILITIES VN 1839N 10542E [REDACTED]
VESSELS -- 1 CAPSIZED COASTAL FREIGHTER AT 18-38N
105-42E. EFFORTS TO FLOAT A SWATOW HULL BEACHED
APPROXIMATELY 1,000 FT NNE OF THE CAPSIZED COASTAL
FREIGHTER ON THE WEST BANK OF THE SONG CA APPEAR TO BE
UNDERWAY. THE VESSEL APPEARS TO HAVE MOVED [REDACTED]

25X1
25X1

[REDACTED] WHEN SEEN ON MISSION UE 507R.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1
25X1

MILITARY ACTIVITY

CHU-CHING MILITARY AREA CH 2531N 10347E [REDACTED]
NO NEW MILITARY AREAS OBSERVED. NO COMMUNICATION OR
ELECTRONIC FACILITIES OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1

25X1

PING-HSIANG AMMUNITION DEPOT CH 2208N 10645E [REDACTED]
NO INDICATION OF BUILDUP OF TROOPS, SUPPLIES, OR POL
STORAGE OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1
25X1

SECTION # 07

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

PING-HSIANG ARMY DEPOT CH 2205N 10645E [REDACTED]
NO INDICATION OF BUILDUP OF TROOPS, SUPPLIES, OR POL
STORAGE OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1
25X1

FANG-CHENG ARMY BARRACKS CH 2146N 10821E [REDACTED]
NO INDICATION OF BUILDUP OF TROOPS, SUPPLIES, OR POL
STORAGE OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1
25X1

LANG SON ARMY BARRACKS VN 2150N 10645E [REDACTED]
NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1
25X1

25X1
25X1

LOC BINH ARMY SUPPLY DEPOT VN 2145N 10656E
NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

BAC GIANG ARMY BARRACKS NE DINH XUYEN VN 2119N 10615E
IDENTIFICATION ONLY.

25X1

TIEN-YANG POSSIBLE MILITARY INSTALLATION CH 2344N 10653E
NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1
25X1

WU-PU-CHIEH ROAD CONSTRUCTION CH 2314N 10454E
THE ROAD IS OBSERVED INTERMITTENTLY THROUGH SCATTERED
CLOUD COVER.
NO NEW CONSTRUCTION, ROADS, TRAILS, OR ROAD
IMPROVEMENTS ARE OBSERVED. SMALL SCALE PRECLUDES
READOUT OF VEHICLES AND PIECES OF EQUIPMENT.

25X1
25X1

HA NOI/LAO CAI RR SEGMENT 2 VN 2200N 10433E
THE ENTIRE RAIL SEGMENT FROM 22-10N 104-21E TO 21-50N
104-45E IS OBSERVED.
NO MILITARY ACTIVITY, NEW CONSTRUCTION, ROLLING STOCK,
OR COMMUNICATION FACILITIES OBSERVED.

25X1
25X1

HA NOI/LAO CAI RR SEGMENT 1 VN 2220N 10410E
THE RAIL SEGMENT IS OBSERVED FROM 22-10N 104-21E TO
22-22N 104-07E.
NO NEW CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY
ACTIVITY, OR RAIL TRAFFIC OBSERVED.

25X1
25X1

HA NOI/LAO CAI RR SEGMENT 3 VN 2140N 10456E
THE RAIL SEGMENT IS OBSERVED FROM 21-50N 104-45E TO
21-44N 104-50E.
NO MILITARY ACTIVITY, COMMUNICATION FACILITIES, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FACILITIES OBSERVED.

25X1
25X1

HA NOI/PING-HSIANG RR SEGMENT 2 VN 2132N 10627E
THE RAIL SEGMENT IS OBSERVED INTERMITTENTLY FROM 21-34N
106-25E TO 21-16N 106-09E.
NO NEW CONSTRUCTION, COMMUNICATION FACILITIES, OR
MILITARY ACTIVITY OBSERVED. AN UNDETERMINED AMOUNT OF
ROLLING STOCK IS OBSERVED AT 21-41N 106-40E.

25X1
25X1

HA NOI/PING-HSIANG RR SEGMENT 1 VN 2145N 10644E
THE RAIL SEGMENT IS OBSERVED INTERMITTENTLY FROM 21-58N
106-43E TO 21-42N 106-40E.
NO NEW CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY
ACTIVITY, OR ROLLING STOCK OBSERVED.

25X1
25X1

HA NOI/PING-HSIANG RR SEGMENT 3 VN 2110N 10604E
THE RAIL SEGMENT IS OBSERVED INTERMITTENTLY FROM 21-22N

25X1
25X1

SECTION # 08

106-15E TO 21-01N 105-51E.

NO NEW CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY

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25X1

HA NOI/LAO CAI RR SEGMENT 5 VN 2110N 10548E
THE RAIL SEGMENT IS OBSERVED FROM 21-07N 105-53E TO
21-01N 105-51E.

25X1

NO NEW CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY
ACTIVITY, OR RAIL TRAFFIC OBSERVED.

KEP/THAI NGUYEN RAILROAD U/C VN 2134N 10607E
THE RAIL LINE IS OBSERVED INTERMITTENTLY FROM 21-33N
106-01E TO 21-25N 106-18E.

25X1

25X1

NO NEW CONSTRUCTION, MILITARY FACILITIES, COMMUNICATION
FACILITIES, DEFENSES, OR STORAGE FACILITIES OBSERVED.
APPROXIMATELY 14 RAIL CARS ARE OBSERVED AT 21-29N
106-16E.

PING-HSIANG/HA NOI RR SEGMENT 14 CH 2202N 10643E
THE RAIL SEGMENT IS OBSERVED INTERMITTENTLY FROM 21-56N
106-42E TO 22-26N 106-45E.

25X1

25X1

SMALL SCALE, CLOUD SHADOW, AND SCATTERED CLOUD COVER
PRECLUDE DETERMINATION OF NEW CONSTRUCTION,
COMMUNICATION FACILITIES, MILITARY ACTIVITY, AND
ROLLING STOCK.

COMPLEXES

NAN-NING COMPLEX CH 2249N 10819E
NO NEW CONSTRUCTION, CHANGES IN FACILITIES OR LEVEL OF
INDUSTRIAL ACTIVITY. NO INDICATIONS OF BUILDUP OF
TROOPS, SUPPLIES, OR POL STORAGE OBSERVED.

25X1

25X1

PING-HSIANG COMPLEX CH 2207N 10646E
NO INDICATIONS OF INDUSTRIAL ACTIVITY, INCLUDING POL OR
SUPPLY BUILDUP.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

25X1

DONG DANG RAILROAD YARD VN 2156N 10641E
NO EVIDENCE OF TROOP OR SUPPLY BUILDUP OBSERVED IN THE
COMPLEX. NO DEFENSES OBSERVED.
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1

25X1

BAC GIANG COMPLEX VN 2117N 10612E
NO CHANGE OBSERVED IN FACILITIES. NO NEW MILITARY
INSTALLATIONS OBSERVED.

25X1

25X1

CAO BANG MILITARY COMPLEX VN 2240N 10615E
IDENTIFICATION ONLY.

25X1

25X1

LANG SON COMPLEX VN 2151N 10645E
NO EVIDENCE OF UNUSUAL LEVELS OF EQUIPMENT, STORAGE,
TROOP MOVEMENT, NEW CONSTRUCTION, OR IMPROVEMENT OF
TRANSPORTATION FACILITIES OBSERVED. NO EVIDENCE OF NEW
OR PREVIOUSLY UNREPORTED COMMUNICATION FACILITIES.

25X1

25X1

MONG CAI COMPLEX VN 2132N 10759E
NO EVIDENCE OF UNUSUAL LEVEL OF EQUIPMENT STORAGE OR
TROOP MOVEMENT, NEW CONSTRUCTION OR IMPROVEMENT OF
TRANSPORTATION FACILITIES, OR UNREPORTED COMMUNICATION
FACILITIES OBSERVED. NO VESSELS ARE OBSERVED.

25X1

25X1

TIEN YEN COMPLEX VN 2119N 10724E
NO NEW CONSTRUCTION, INCREASED MILITARY ACTIVITY, OR

25X1

25X1

[REDACTED] 25X1
BINH LU COMPLEX VN 2219N 10338E [REDACTED] 25X1
NO EVIDENCE OF TROOP ACTIVITY OR MILITARY EQUIPMENT,
CHANGES IN STORAGE OR HOUSING FACILITIES, ANY SECURITY
OR DEFENSES, ACTIVITY ON TRANSPORTATION FACILITIES, OR
COMMUNICATION FACILITIES OBSERVED WITHIN 15 NM OF THE
COMPLEX.
[REDACTED] 25X1

SECTION # 09

INDEX OF TARGETS INSTALLATION NAME	CTY	COORDINATES	25X1
VERKHNYAYA SALDA ICBM COMPLEX	UR	5802N 06024E	1
TYURATAM MISSILE TEST CENTER	UR	4538N 06317E	1
YOSHKAR-OLA ICBM COMPLEX	UR	5633N 04801E	1
DROVYANAYA ICBM COMPLEX	UR	5131N 11300E	1
PERM ICBM COMPLEX	UR	5742N 05619E	1
OLOVYANNAYA ICBM COMPLEX	UR	5049N 11550E	1
TATISHCHEVO ICBM COMPLEX	UR	5140N 04534E	1
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR	UR	4835N 04545E	1
HA NOI SAM SEARCH	VN	2102N 10551E	1
LAO CAI SAM SEARCH	VN	2229N 10359E	1
DIEN BIEN PHU SAM SEARCH	VN	2123N 10301E	1
VINH SAM SEARCH	VN	1840N 10540E	1
CAO BANG SAM SEARCH AREA	VN	2240N 10615E	1
DONG HOI SAM SEARCH AREA	VN	1728N 10637E	1
NAN-YANG SUSPECT MISSILE ACTIVITY	CH	3248N 11214E	1
PAO-TOU SAM SEARCH AREA	CH	4039N 10958E	1
TAI-YUAN SAM SEARCH AREA	CH	3759N 11232E	1
VOLGOGRAD PROB LONG RANGE SAM LNCH CPLX	UR	4822N 04419E	1
ENGELS AIRFIELD	UR	5129N 04611E	1
ALEKSEYEVKA AIRFIELD	UR	4914N 14011E	1
CHENG-TU/WEN-CHIANG AIRFIELD	CH	3042N 10357E	1
NAN-NING AIRFIELD	CH	2249N 10820E	1
WU-KUNG AIRFIELD	CH	3417N 10815E	1
HSI-AN AIRCRAFT ASSEMBLY - REPAIR PLANT	CH	3417N 10815E	1
HAIPHONG/CAT BI AIRFIELD	VN	2049N 10643E	1
HAIPHONG/KIEN AN AIRFIELD	VN	2048N 10636E	1
HANOI/BAC MAI AIRFIELD	VN	2059N 10550E	1
HANOI/GIA LAM AIRFIELD	VN	2102N 10553E	1
LA-SA AIRFIELD	TI	3030N 09107E	1
LANG SON AIRFIELD	VN	2150N 10646E	1
NAN-NING/WU-YU AIRFIELD	CH	2236N 10810E	1
KEP AIRFIELD	VN	2124N 10616E	1
NING-MING AIRFIELD	CH	2207N 10707E	1
PING-YUAN-CHIEH AIRFIELD	CH	2342N 10350E	1
TIEN-YANG AIRFIELD	CH	2344N 10658E	1
KUNG-KA AIRFIELD	TI	2917N 09055E	1
LOP NOR NUCLEAR TEST SITE SEARCH	CH	4047N 08942E	1
LOP NOR NUC TEST SITE MAIN CONTROL POINT	CH	4046N 08932E	1
HAI PHONG PORT FACILITIES	VN	2052N 10642E	1
PAI-LUNG PORT FACILITIES	CH	2131N 10813E	1
CAM PHA PORT FACILITIES	VN	2102N 10722E	1
HON GAI PORT FACILITIES	VN	2057N 10705E	1
BEN THUY PORT FACILITIES	VN	1839N 10542E	1
CHU-CHING MILITARY AREA	CH	2531N 10347E	1
PING-HSIANG AMMUNITION DEPOT	CH	2208N 10645E	1
PING-HSIANG ARMY DEPOT	CH	2205N 10645E	1
FANG-CHENG ARMY BARRACKS	CH	2146N 10821E	1
LANG SON ARMY BARRACKS	VN	2150N 10645E	1
	5N	10656E	1

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TIEN-YANG POSSIBLE MILITARY INSTALLATION	CH 2344N	10653E	1
WU-PU-CHIEH ROAD CONSTRUCTION	CH 2314N	10454E	1
HA NOI/LAO CAI RR SEGMENT 2	VN 2200N	10433E	1
HA NOI/LAO CAI RR SEGMENT 1	VN 2220N	10410E	1
HA NOI/LAO CAI RR SEGMENT 3	VN 2140N	10456E	1
HA NOI/PING-HSIANG RR SEGMENT 2	VN 2132N	10627E	1
HA NOI/PING-HSIANG RR SEGMENT 1	VN 2145N	10644E	1
HA NOI/PING-HSIANG RR SEGMENT 3	VN 2110N	10604E	1
HA NOI/LAO CAI RR SEGMENT 5	VN 2110N	10548E	1
KEP/THAI NGUYEN RAILROAD U/C	VN 2130N	10607E	1
PING-HSIANG/HA NOI RR SEGMENT 14	CH 2202N	10643E	1
NAN-NING COMPLEX	CH 2249N	10819E	1
PING-HSIANG COMPLEX	CH 2207N	10646E	1
DONG DANG RAILROAD YARD	VN 2156N	10641E	1
BAC GIANG COMPLEX	VN 2117N	10612E	1
CAO BANG MILITARY COMPLEX	VN 2240N	10615E	1
LANG SON COMPLEX	VN 2151N	10645E	1
MONG CAI COMPLEX	VN 2132N	10759E	1
TIEN YEN COMPLEX	VN 2119N	10724E	1
BINH LU COMPLEX	VN 2219N	10338E	1